

MALDIVES NATIONAL UNIVERSITY THINADHOO CAMPUS CLASS ROOM BLOCK
ELECTRICAL DRAWINGS

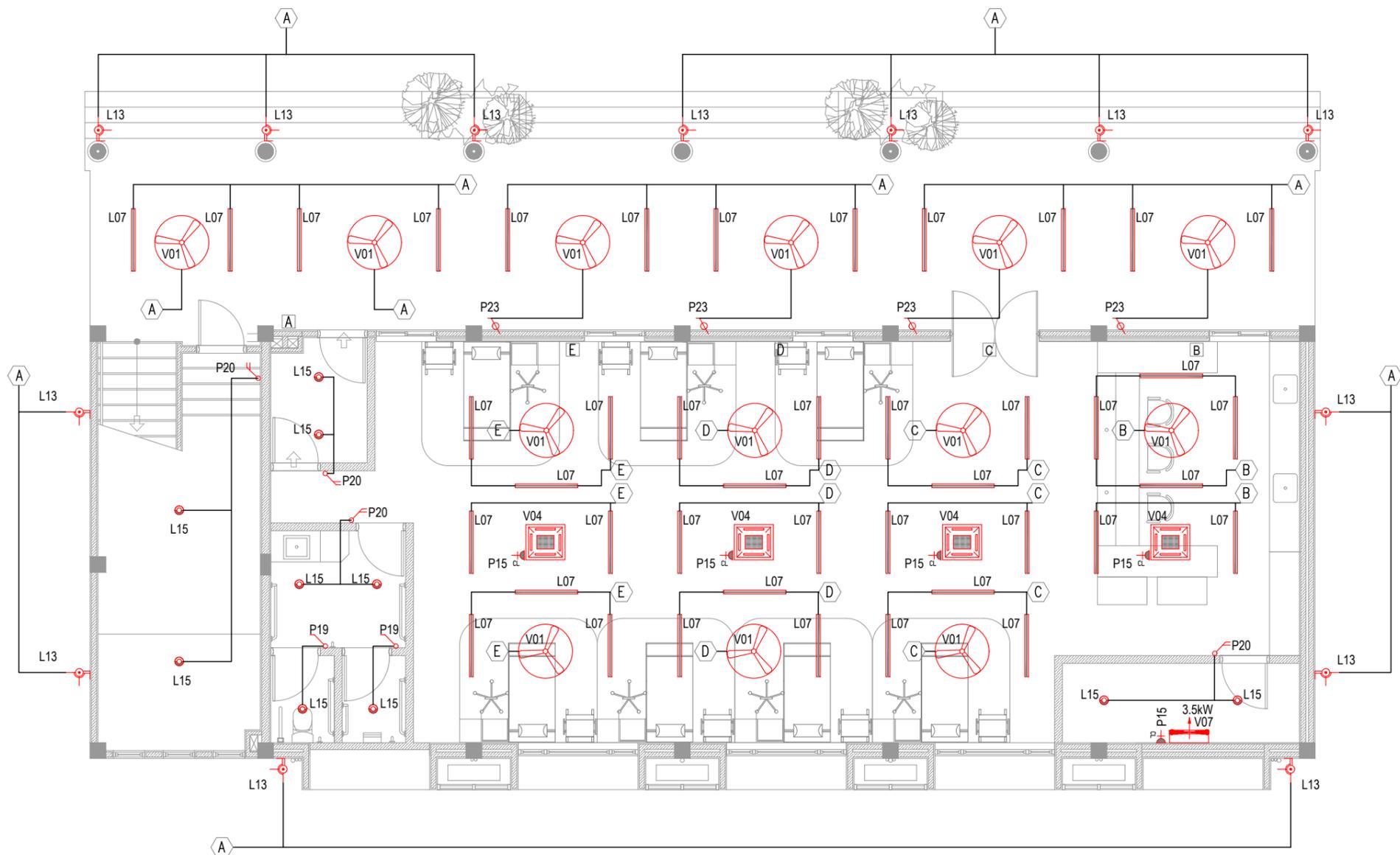
PROJECT: CONSULTANCY SERVICES FOR PREPARATION OF DRAWINGS AND BILL
OF QUANTITIES FOR THE PROPOSED CLASSROOM BLOCK

CLIENT: MALDIVES NATIONAL UNIVERSITY

PREPARED BY:



Charter Engineering Company Private Limited
Second floor, M.Biminee, Male, Maldives
Email: charter_engr@gmail.com, Mob: +(960) 782-9969



ELECTRICAL LEGEND

- L07 CEILING DOWN 2x18W LED TUBE LIGHT SURFACE MOUNT
- L09 WALL MOUNT ENERGY SAVING LIGHT
- L13 WALL MOUNT WEATHER PROOF LUMINAIRE
- L15 SURFACE MOUNT ENERGY SAVING LIGHT
- V01 DIA. 1500 CEILING FAN
- V04 AIR-CONDITIONING INDOOR UNIT CEILING FIXED-CASSETTE TYPE
- P15 1 GANG15A SOCKET OUTLET AT CEILING LEVEL

SWITCH AT LOCATION [A]

- P19 1 GANG 1 WAY SWITCH
- P20 2 GANG 1 WAY SWITCH
- P21 3 GANG 1 WAY SWITCH
- P22 4 GANG 1 WAY SWITCH
- P23 FAN / LIGHT DIMMER SWITCH

SWITCH AT LOCATION [B]/[C]/[D]/[E]

- P22 2x 4 GANG 1 WAY SWITCH
- P23 2x FAN / LIGHT DIMMER SWITCH

NOTE :
 FLOOR LEVEL SOCKETS : 300MM FROM FFL.
 SWITCH CONTROL / SOCKET : 1100MM - 1200MM FROM FFL.
 LABORATORY / PREPARATION ROOM SOCKETS / LIGHT, FAN & WATER HEATER (COUNTER TOP) : 1150MM - 1250MM FROM FFL.
 AC / EMERGENCY LIGHT : 2500MM - 2700MM FROM FFL.

ALL WIRING TO BE OF MEA APPROVED STANDARDS
 ALL WIRING TO BE DONE IN CONDUITS INSIDE SLABS/WALLS

GENERAL NOTES:

- All dimensions shall be verified on site before proceeding with work.
- In case of any confusion in the structural elements, the measurements given in the structural drawings has to be followed.
- DO NOT SCALE DRAWINGS. Work to figured dimensions.
- All the dimensions given in mm, unless specified otherwise.

KEY PLAN:

REV.	DESCRIPTION	DATE



PHASE:

- CONCEPTUAL DESIGN
- DESIGN DEVELOPMENT
- DESIGN APPROVAL
- CONSTRUCTION DOCUMENTATION
- AS-BUILT DRAWINGS

PROJECT:
 ARCHITECTURAL DRAWINGS AND PREPARATION OF BILL OF QUANTITIES FOR THE PROPOSED MNU THINADHOO CAMPUS CLASSROOM BLOCK

CLIENT: MALDIVES NATIONAL UNIVERSITY
LOCATION: GDH.THINADHOO

DISCIPLINE: ELECTRICAL

DRAWN BY: ISMAIL

DESIGNED BY:

CHECKED BY: CEC

DATE: Jan 21 **SCALE:** 1:100 **SHEET SIZE:** A3

DRAWING NO. **REV.**

E-1.01 0.00

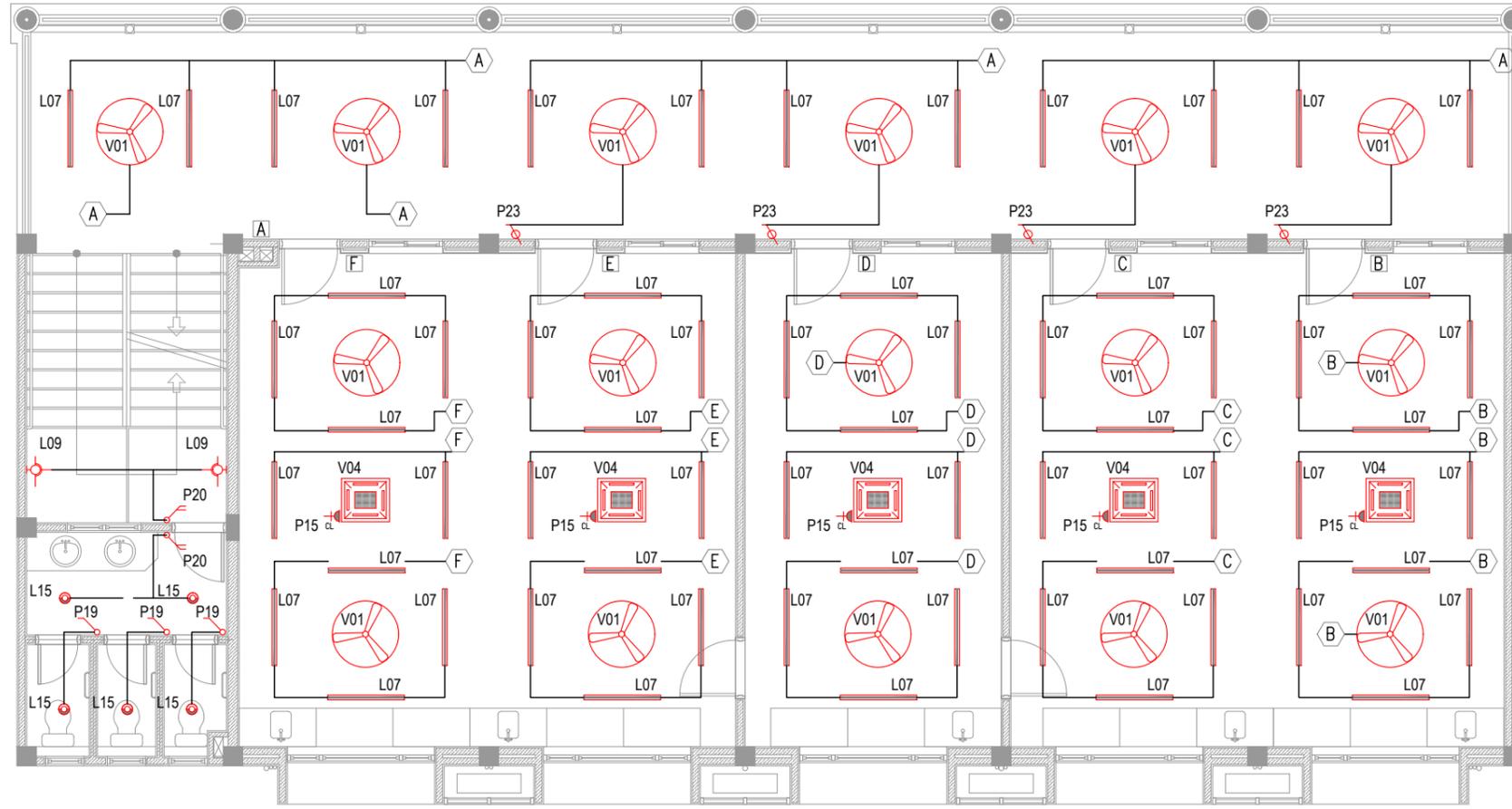


1 GROUND FLOOR LIGHTING & AIRCONDITIONING LAYOUT
 REF. XX-00 SCALE : 1:100 (A3)

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- L09 WALL MOUNT ENERGY SAVING LIGHT
- L13 WALL MOUNT WEATHER PROOF LUMINAIRE
- L15 SURFACE MOUNT ENERGY SAVING LIGHT
- V01 DIA. 1500 CEILING FAN
- V04 AIR-CONDITIONING INDOOR UNIT CEILING FIXED-CASSETTE TYPE
- P15 1 GANG15A SOCKET OUTLET AT CEILING LEVEL

SWITCH AT LOCATION A

- P19 1 GANG 1 WAY SWITCH
- P20 2 GANG 1 WAY SWITCH
- P21 3 GANG 1 WAY SWITCH
- P22 4 GANG 1 WAY SWITCH
- P23 FAN / LIGHT DIMMER SWITCH

SWITCH AT LOCATION B/C/D/E/F

- P22 2x 4 GANG 1 WAY SWITCH
- P20 1x 2 GANG 1 WAY SWITCH
- P23 2x FAN / LIGHT DIMMER SWITCH

NOTE :
 FLOOR LEVEL SOCKETS : 300MM FROM FFL.
 SWITCH CONTROL / SOCKET : 1100MM - 1200MM FROM FFL.

LABORATORY / PREPARATION ROOM SOCKETS /LIGHT, FAN & WATER HEATER (COUNTER TOP) : 1150MM - 1250MM FROM FFL.

AC / EMERGENCY LIGHT : 2500MM - 2700MM FROM FFL.

ALL WIRING TO BE OF MEA APPROVED STANDARDS
 ALL WIRING TO BE DONE IN CONDUITS INSIDE SLABS/WALLS

1 FIRST FLOOR LIGHTING & AIRCONDITIONING LAYOUT
 REF. XX-00 SCALE : 1:100 (A3)

REV.	DESCRIPTION	DATE



PHASE:

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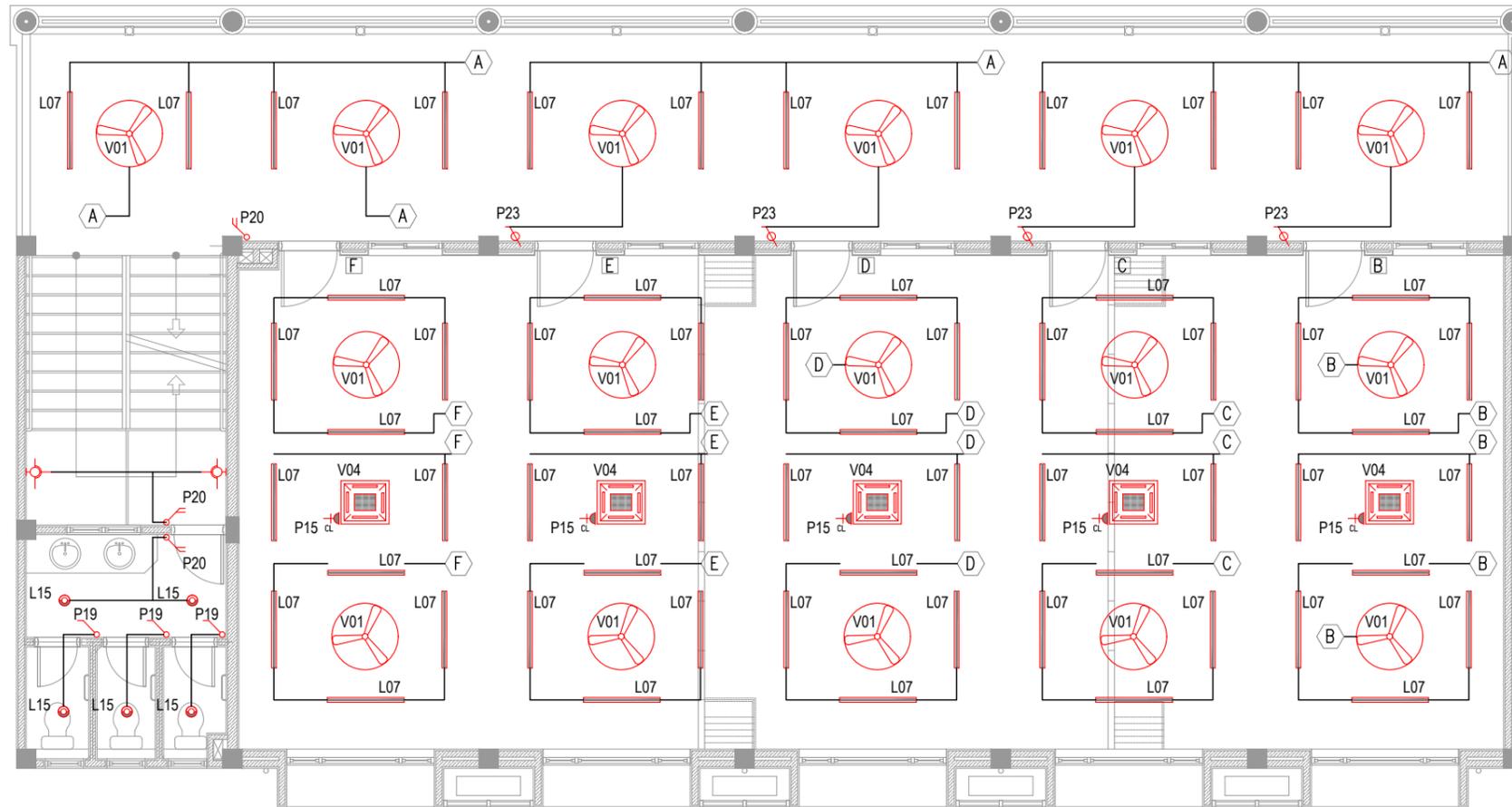
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- L09 WALL MOUNT ENERGY SAVING LIGHT
- L13 WALL MOUNT WEATHER PROOF LUMINAIRE
- L15 SURFACE MOUNT ENERGY SAVING LIGHT
- V01 DIA. 1500 CEILING FAN
- V04 AIR-CONDITIONING INDOOR UNIT CEILING FIXED-CASSETTE TYPE
- P15 1 GANG15A SOCKET OUTLET AT CEILING LEVEL

SWITCH AT LOCATION [A]

- P19 1 GANG 1 WAY SWITCH
- P20 2 GANG 1 WAY SWITCH
- P21 3 GANG 1 WAY SWITCH
- P22 4 GANG 1 WAY SWITCH
- P23 FAN / LIGHT DIMMER SWITCH

SWITCH AT LOCATION [B]/[C]/[D]/[E]/[F]

- P22 2x 4 GANG 1 WAY SWITCH
- P20 1x 2 GANG 1 WAY SWITCH
- P23 2x FAN / LIGHT DIMMER SWITCH

NOTE :

FLOOR LEVEL SOCKETS : 300MM FROM FFL.
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LABORATORY / PREPARATION ROOM SOCKETS /LIGHT, FAN & WATER HEATER (COUNTER TOP) : 1150MM - 1250MM FROM FFL.

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ALL WIRING TO BE OF MEA APPROVED STANDARDS
 ALL WIRING TO BE DONE IN CONDUITS INSIDE SLABS/WALLS

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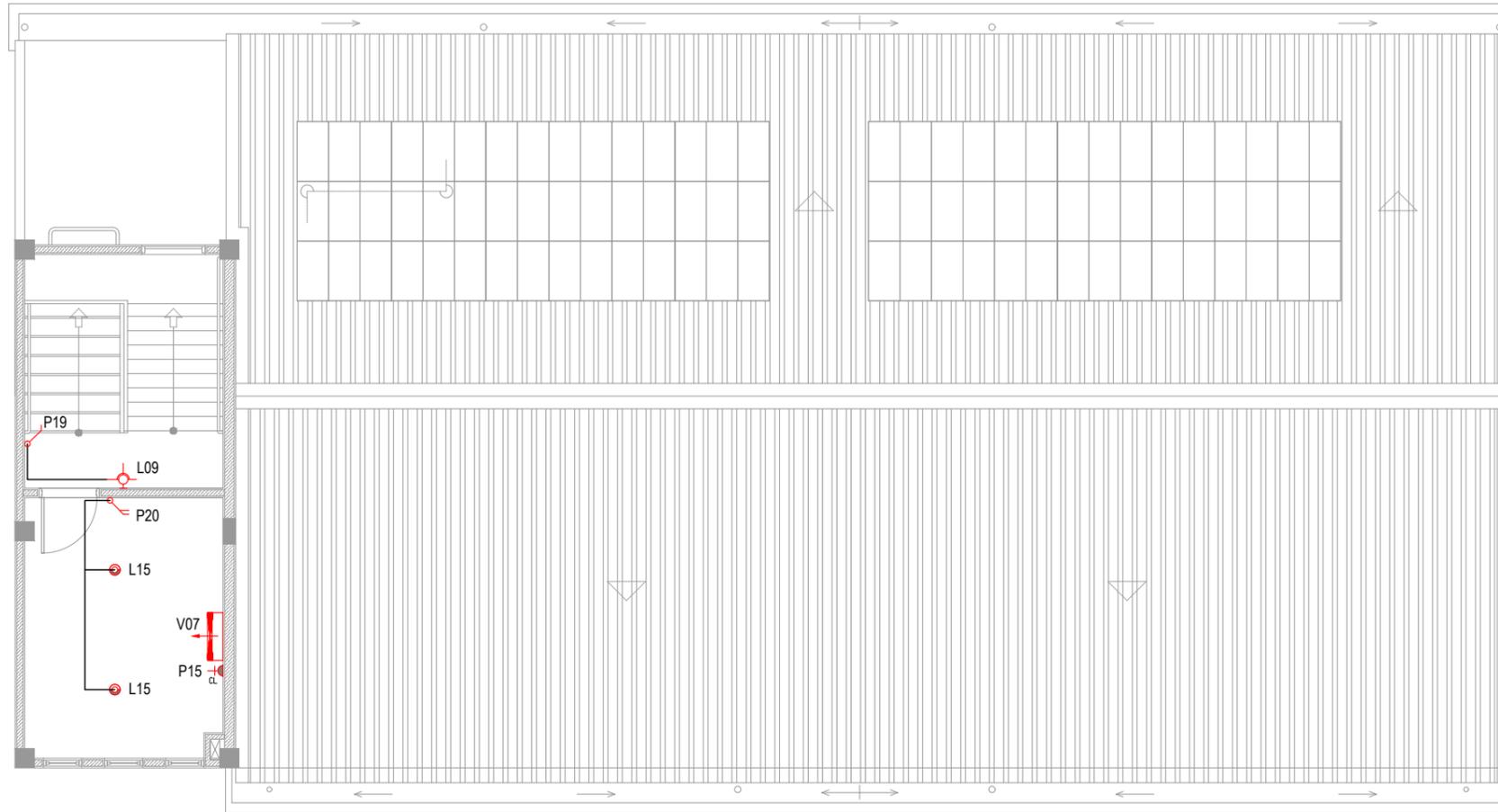
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1 SECOND FLOOR LIGHTING & AIRCONDITIONING LAYOUT
 REF. XX-00 SCALE : 1:100 (A3)



ELECTRICAL LEGEND

- L09  WALL MOUNT ENERGY SAVING LIGHT
- L15  SURFACE MOUNT ENERGY SAVING LIGHT
- V07  AIR-CONDITIONING INDOOR UNIT WALL MOUNTED
- P15  1 GANG15A SOCKET OUTLET AT CEILING LEVEL
- P20  2 GANG 1 WAY SWITCH
- P19  1 GANG 1 WAY SWITCH

NOTE :
 FLOOR LEVEL SOCKETS : 300MM FROM FFL.
 SWITCH CONTROL / SOCKET : 1100MM - 1200MM FROM FFL.

LABORATORY / PREPARATION ROOM SOCKETS /LIGHT, FAN & WATER HEATER (COUNTER TOP) : 1150MM - 1250MM FROM FFL.

AC / EMERGENCY LIGHT : 2500MM - 2700MM FROM FFL.

ALL WIRING TO BE OF MEA APPROVED STANDARDS
 ALL WIRING TO BE DONE IN CONDUITS INSIDE SLABS/WALLS

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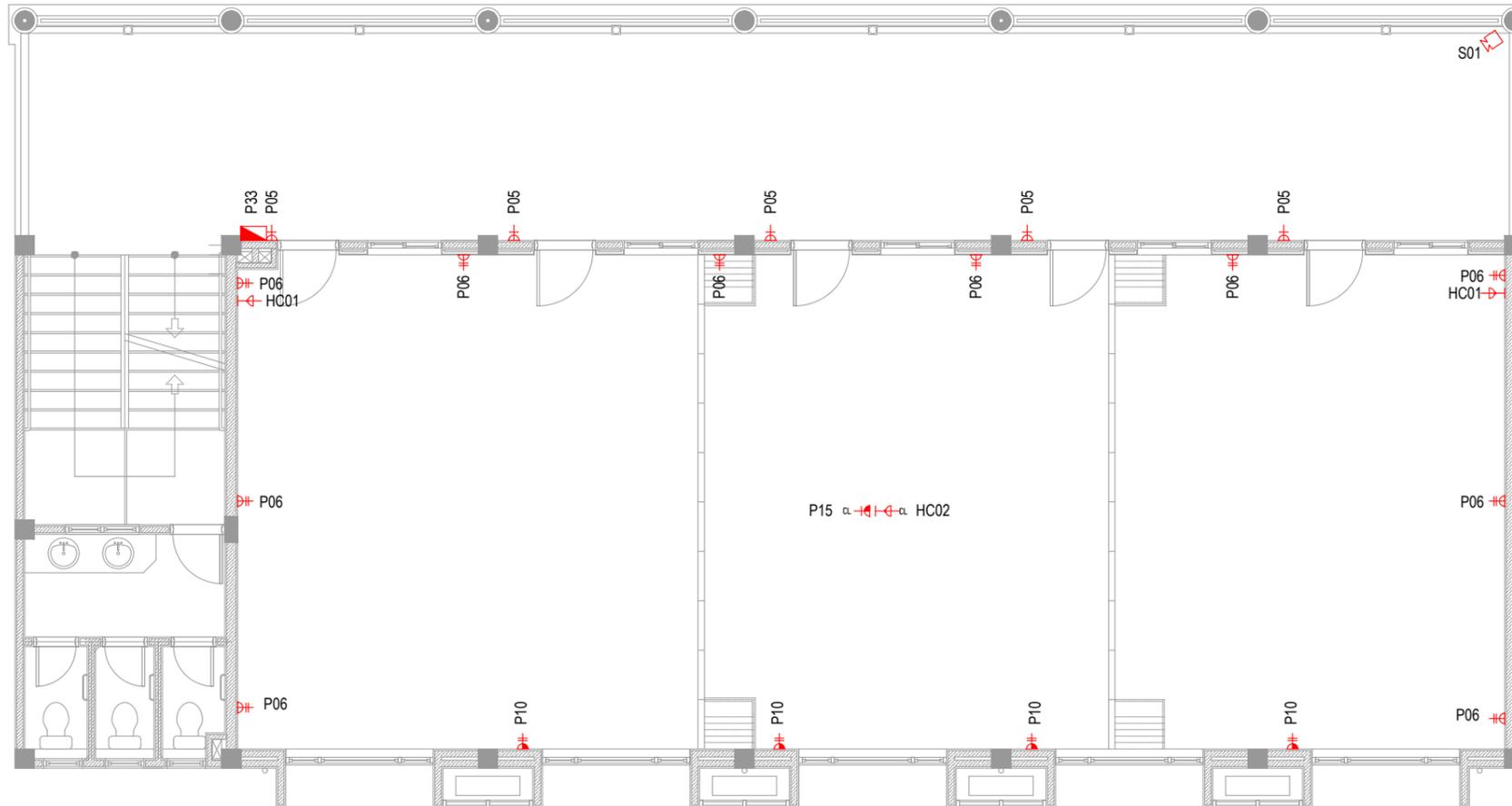
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1 2F HALF-LANDING LIGHTING & AIRCONDITIONING LAYOUT
 REF. XX-00 SCALE : 1:100 (A3)



1 SECOND FLOOR POWER LAYOUT
REF. XX-00 SCALE : 1:100 (A3)

ELECTRICAL LEGEND

- P05 1 GANG13A SOCKET OUTLET AT 900mm ABOVE FINISHED FLOOR LEVEL
- P06 2 GANG13A SOCKET OUTLET AT 300mm ABOVE FINISHED FLOOR LEVEL
- P10 2 GANG13A SOCKET OUTLET AT 1200mm ABOVE FINISHED FLOOR LEVEL
- P13 2 GANG13A SOCKET OUTLET FLOOR CONCEALED
- P15 1 GANG13A SOCKET OUTLET AT CEILING LEVEL
- P17 1 GANG15A SOCKET OUTLET AT 1200mm ABOVE FINISHED FLOOR LEVEL
- P33 DISTRIBUTION BOARD
- HC01 HDMI CABLE
- HC02 HDMI CABLE AT CEILING LEVEL
- T07 SERVER
- S01 SECURITY CAMERA
- T10 T.V POINT

NOTE :
FLOOR LEVEL SOCKETS : 300MM FROM FFL.
SWITCH CONTROL / SOCKET : 1100MM - 1200MM FROM FFL.

LABORATORY / PREPARATION ROOM SOCKETS /LIGHT, FAN & WATER HEATER (COUNTER TOP) : 1150MM - 1250MM FROM FFL.

AC / EMERGENCY LIGHT : 2500MM - 2700MM FROM FFL.

ALL WIRING TO BE OF STELCO APPROVED STANDARDS
ALL WIRINGS TO BE DONE IN CONDUITS INSIDE SLABS/WALLS



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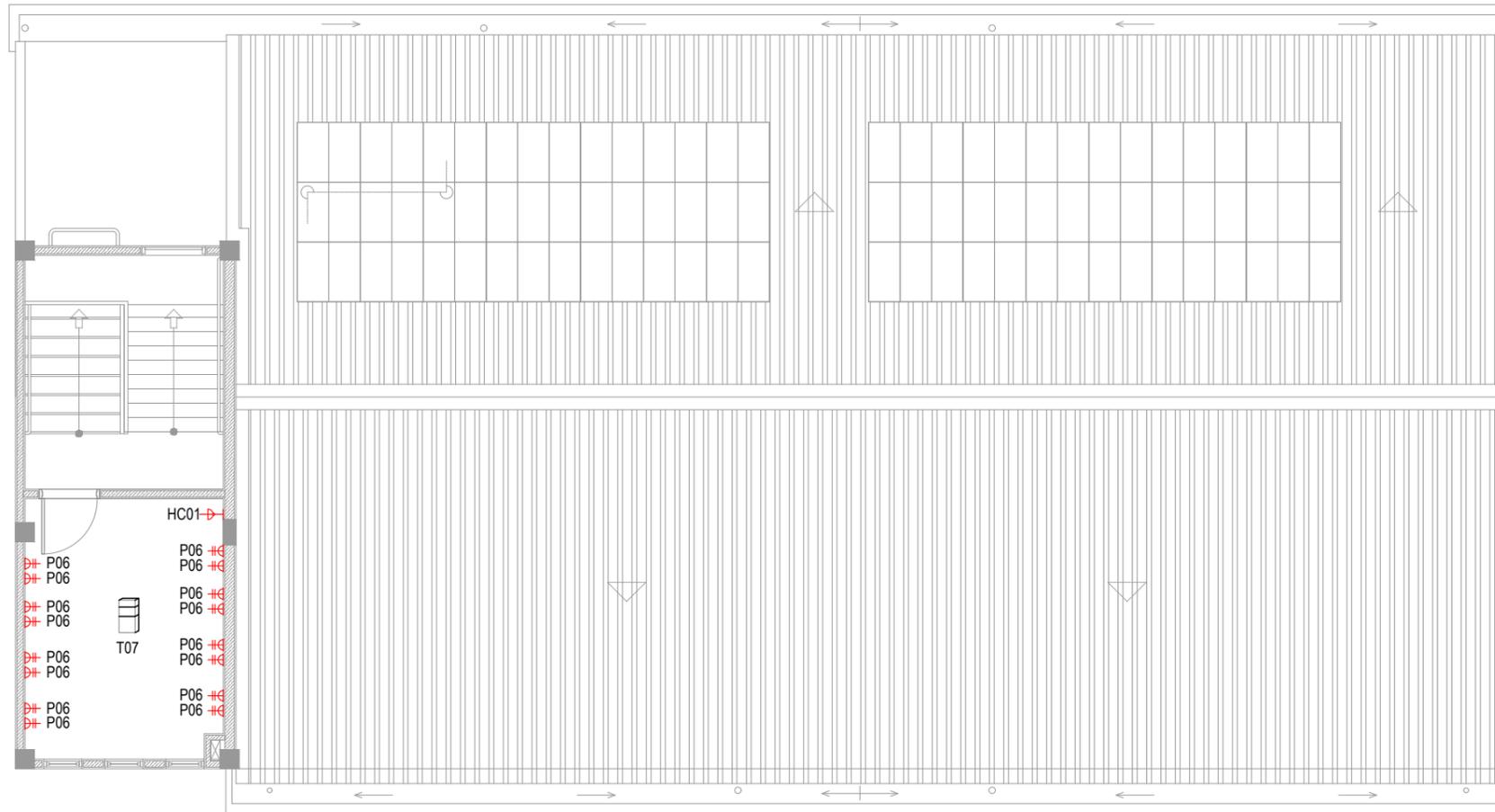
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1 2F HALF-LANDING POWER LAYOUT
 REF. XX-00 SCALE : 1:100 (A3)

ELECTRICAL LEGEND

- P05 1 GANG13A SOCKET OUTLET AT 900mm ABOVE FINISHED FLOOR LEVEL
- P06 2 GANG13A SOCKET OUTLET AT 300mm ABOVE FINISHED FLOOR LEVEL
- P10 2 GANG13A SOCKET OUTLET AT 1200mm ABOVE FINISHED FLOOR LEVEL
- P13 2 GANG13A SOCKET OUTLET FLOOR CONCEALED
- P15 1 GANG13A SOCKET OUTLET AT CEILING LEVEL
- P17 1 GANG15A SOCKET OUTLET AT 1200mm ABOVE FINISHED FLOOR LEVEL
- P33 DISTRIBUTION BOARD
- HC01 HDMI CABLE
- HC02 HDMI CABLE AT CEILING LEVEL
- T07 SERVER
- S01 SECURITY CAMERA
- T10 T.V POINT

NOTE :
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